

Converting Colors

$Y_{xy}(44.0892, 0.2941, 0.3110)$

Have a look what the booklet for
Yxy(44.0892, 0.2941, 0.3110)
contains.

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Color

Yxy(44.0816, 0.2942, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	A9B2C0
RGB	169, 178, 192
RGB Percent	66%, 70%, 75%
CMY	0.3374, 0.3019, 0.2470
CMYK	0.12, 0.07, 0.00, 0.25
HSL	216°, 15%, 71%
HSV	216°, 12%, 75%
XYZ	41.7944, 44.0816, 56.1852
YIQ	176.9050, -9.8580, 2.4460

Conversions

Conversions Part 2

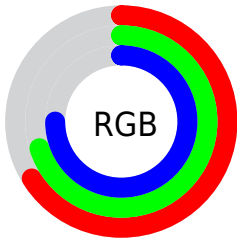
Format	Color
R _Y B	169, 175, 192
Decimal	11121344
CIE Lab	72.28, -0.31, -8.21
CIE LCh	72, 8.211, 267.804
Yxy	44.0816, 0.2942, 0.3103
Android (android.graphics.Color)	4289311424 (0xFFA9B2C0)
YUV	176.9050, 7.4418, -6.9327
Hunter-Lab	66.3940, -3.8253, -3.6978

Details

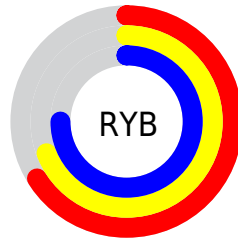
The Yxy color **44.0816, 0.2942, 0.3103** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.9334, 0.3318, 0.3470**, and the grayscale version is **43.8775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4702, 0.2977, 0.3145**, and **20.3132, 0.2886, 0.3033** is the 20% darker color. If you saturate the color by 10%, you get **37.6637, 0.2778, 0.2927**, and if you desaturate by 10%, it is **51.2104, 0.3097, 0.3261**.

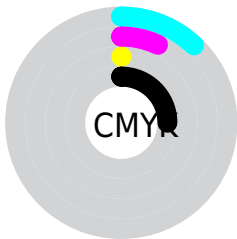
Distribution



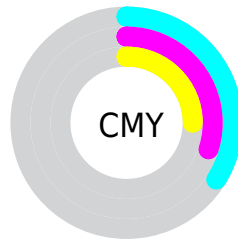
- Red (66%)
- Green (70%)
- Blue (75%)



- Red (66%)
- Yellow (69%)
- Blue (75%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (34%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0816, 0.2942, 0.3103 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 44.0816, 0.2942, 0.3103 by changing the saturation by 10% instead.

■ 44.0816, 0.2942,
0.3103

■ 44.0816, 0.2942,
0.3103

363.0412, 0.3035,
0.3197

■ 30.7347, 0.2919,
0.3079

■ 81.3405, 0.2976,
0.3137

■ 20.3969, 0.2888,
0.3049

■ 106.0213, 0.2989,
0.3150

■ 12.6839, 0.2848,
0.3008

135.2488, 0.2999,
0.3161

■ 7.2112, 0.2791,
0.2950

169.4074, 0.3009,
0.3170

■ 3.5945, 0.2706,
0.2863

208.8816, 0.3017,
0.3179

■ 1.4494, 0.2563,
0.2718

254.0557, 0.3024,

■ 0.2527, 0.1743,

0.3186

0.1894

305.3141, 0.3030,
0.3192

0.0000, 0.0000,
0.0000

44.0816, 0.2942,
0.3103

44.0816, 0.2942,
0.3103

37.6637, 0.2778,
0.2927

51.2104, 0.3097,
0.3261

31.9279, 0.2608,
0.2733

59.0668, 0.3243,
0.3400

26.8513, 0.2436,
0.2522

67.6738, 0.3377,
0.3524

22.4075, 0.2266,
0.2297

77.0515, 0.3501,
0.3631

18.5681, 0.2105,
0.2064

85.2762, 0.3543,
0.3737

■ 15.3022, 0.1958,
0.1829

■ 92.2343, 0.3517,
0.3846

■ 12.5753, 0.1834,
0.1601

■ 96.5866, 0.3502,
0.3909

■ 10.3481, 0.1737,
0.1389

■ 8.8767, 0.1676,
0.1235

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44.0816, 0.2903, 0.3162



44.0816, 0.2942, 0.3103



44.0816, 0.3031, 0.3094

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.0816, 0.2942, 0.3103



44.0816, 0.3337, 0.3317



44.0816, 0.3104, 0.3452

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



44.0816, 0.2942, 0.3103



47.9334, 0.3318, 0.3470

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



44.0816, 0.3221, 0.3494



44.0816, 0.2942, 0.3103



44.0816, 0.3357, 0.3413

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44.0816, 0.2942, 0.3103



44.0816, 0.3259, 0.3217



44.0816, 0.3314, 0.3478



44.0816, 0.2995, 0.3364

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.0816, 0.2942, 0.3103



44.0816, 0.3107, 0.3117



44.0816, 0.3314, 0.3478



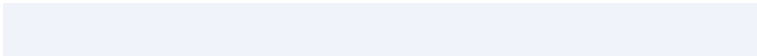
44.0816, 0.3144, 0.3472

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



44.0834, 0.2942, 0.3103



89.9991, 0.3066, 0.3230



49.5505, 0.3011, 0.3412



19.0920, 0.3054, 0.3218



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.0834, 0.2942, 0.3103



77.1639, 0.2906, 0.3065



40.8628, 0.2959, 0.2982



10.3812, 0.2984, 0.3146



6.1138, 0.1683, 0.1258



0.3984, 0.1810, 0.1715

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



42.7905, 0.3261, 0.3174



74.4991, 0.3289, 0.3151



51.4816, 0.3285, 0.3584



10.1418, 0.3229, 0.3200



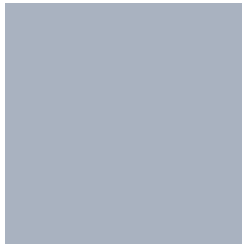
7.8994, 0.5385, 0.2740



0.3549, 0.4789, 0.2412

Previews

White Background



This preview shows how the Yxy color 44.0816, 0.2942, 0.3103 looks on a white background.

Color Contrast Check

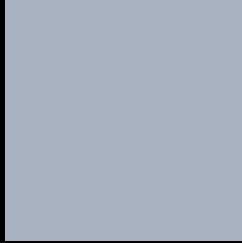
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 44.0816, 0.2942, 0.3103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

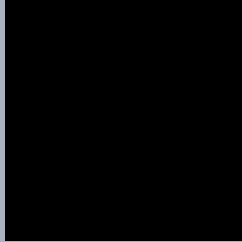
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

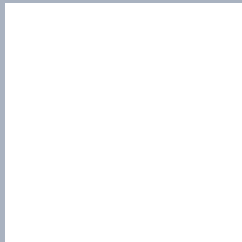
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0816, 0.2942, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 44.0816, 0.2942, 0.3103.

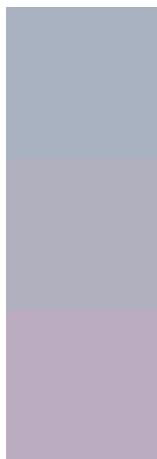


This preview shows how white text looks on a background with the Yxy color 44.0816, 0.2942, 0.3103.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

44.0816, 0.2942, 0.3103

Protanopia

44.0424, 0.3008, 0.3093

Deuteranopia

43.9201, 0.3087, 0.3022



Tritanopia

44.0816, 0.2942, 0.3103

Trichromacy



Original Color

44.0816, 0.2942, 0.3103

Protanomaly

44.0901, 0.2983, 0.3105

Deuteranomaly

43.8257, 0.3026, 0.3043

Tritanomaly

44.0816, 0.2942, 0.3103

Monochromacy



Original Color

44.0816, 0.2942, 0.3103

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.8204, 0.3061, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0816, 0.2942, 0.3103 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(169, 178, 192)` looks like.

```
.text, #text, p{  
    color:rgb(169, 178, 192)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(169, 178, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 178, 192) }
```

Border

The CSS property to change the border of an element to Yxy 44.0816, 0.2942, 0.3103 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 178, 192) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(169, 178, 192) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(169, 178, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 178, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 178, 192);  
box-shadow:4px 4px 4px 4px rgb(169, 178,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0816, 0.2942, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 178, 192) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(169,  
178, 192) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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